

APPARATUS AND METHOD FOR TESTING HYDRAULIC PRESSURE RELIEF VALVES

Abstract of the Disclosure

An apparatus for testing hydraulic pressure relief valves has a fixture body with an internal cavity sized to receive the valve completely within the fixture body. A closure may be secured to the body to seal the valve within the cavity. The apparatus further includes inlet and outlet ports for providing a flow of high-pressure hydraulic fluid through the cavity, and a pressure port for coupling pressure monitoring instrumentation to the cavity. When a valve is installed within the apparatus and the inlet is coupled to a source of high-pressure hydraulic fluid, the actuation pressure of the valve may be determined by monitoring the instrumentation.